

SHEET 1 OF 1

INFORMATION DISCLOSURE
CITATION IN AN
APPLICATION

(PTO-1449)

ATTY. DOCKET NO.
57454-982SERIAL NO.
10/686,766APPLICANT
Tadatoshi SUZUKI, et al.FILING DATE
October 17, 2003GROUP
3748

U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	CITE NO.	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
JC ↓		US 6,224,688 B1	05/01/2001	Takemura et al.	
		US 5,811,250	03/18/1997	Narai et al.	
		US 6,440,232 B1	08/27/2002	Takemura et al.	
		US 5,458,136	10/10/1995	Yamashita et al.	
		US 5,375,323	12/27/1994	Sata	
		US 5,853,249	12/29/1998	Maeda et al.	
		US 5,427,457	06/27/1995	Furumura et al.	
		US 6,342,109 B1	01/29/2002	Takemura et al.	
		US			
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FOREIGN PATENT DOCUMENTS

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						Yes	No
JC ↓		EP 0 950 723 A1	10/20/1999	KOMATSU LTD.			
		GB 2 258 274 A	02/03/1993	NSK LTD.			
		EP 0 811 788 A1	12/10/1997	KOYO SEIKO CO., LTD.			

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER'S INITIALS	CITE NO.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.

EXAMINER

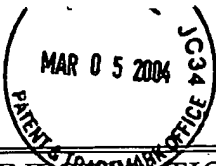
James Corrigan

DATE CONSIDERED

12-12-04

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	B1	US	6,224,688	05/01/2001	Takemura et al.		
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JC ↓	A1	EP 0 811 789	12/10/1997	Koyo Seiko Co., Ltd.			
	A1	EP 0 950 723	10/20/1999	Komatsu Ltd.			
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EXAMINER <i>Jamie Corrigan</i>				DATE CONSIDERED <i>12-12-04</i>			

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		US					
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						Yes	No
<div style="font-size: 2em;">JL</div> <div style="font-size: 4em; margin-top: 20px;">↓</div>		JP 2000-38907 A	02/08/2000	NIPPON SEIKO KK		JAPAN (w/English Abstract)	
		JP 10-47334	02/17/1998	NIPPON SEIKO KK		JAPAN (w/English Abstract)	
		JP 10-103339	04/21/1998	KOYO SEIKO CO LTD		JAPAN (w/English Abstract)	
		JP 10-110720	04/28/1998	MITSUBISHI MOTORS CORP.		JAPAN (w/English Abstract)	
		JP 2000-038906 A	02/08/2000	NIPPON SEIKO KK		JAPAN (w/English Abstract)	
		JP 2002-31212 A	01/31/2002	KOYO SEIKO CO LTD		JAPAN (w/English Abstract)	
		JP 63-185917	11/28/1988	KOYO SEIKO CO LTD		JAPAN (w/English Abstract)	
		JP 2002-194438 A	07/10/2002	NSK LTD		JAPAN (w/English Abstract)	
		JP 5-179350	07/20/1993	NTN CORP		JAPAN (w/English Abstract)	
	JP 2000-205284	07/25/2000	KOYO SEIKO CO LTD		JAPAN (w/English Abstract)		
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		JIS G 0551 "Methods of austenite grain size determination for steel", Japanese Standard Association, February 20, 1998					
		JIS Z 2242 "Method of impact test for metallic materials", Japanese Standard Association December 21, 1998					
		JIS Z 2202 "Test pieces for impact test for metallic materials", Japanese Standard Association, February 20, 1998					
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